

Attorney's Docket No. W-3875**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application

of DONALD D. HOLBROOK

(inventor(s))

for METHOD FOR TREATING A WORK MATERIAL

(title of invention)



the specification of which is being transmitted herewith

OR

In re application of:

Serial No.: 0 /

Group No.:

Filed:

Examiner:

For:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231**INFORMATION DISCLOSURE STATEMENT**

NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 CFR 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) each inventor named in the application;

(2) each attorney or agent who prepares or prosecutes the application; and

(3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 CFR 1.56(c).

NOTE: The "duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17.

**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

I hereby certify that, on the date shown below, this correspondence is being:

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37 CFR 1.8(a)

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Date **February 23, 2000**

☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Rodney K. Worrel

(type or print name of person certifying)

**List of Sections Forming Part of This Information Disclosure Statement.**

The following sections are being submitted for this Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections and number pages consecutively)*

1. ☒ Preliminary Statements
2. ☒ FORM PTO - 1449 (Modified)
3. ☐ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications
6. ☐ Copies of Listed Information Items Accompanying This Statement
7. ☐ Concise Explanation of Non-English Language Listed Information Items
  - 7A. ☐ EPO Search Report
  - 7B. ☐ English Language Version of EPO Search Report
8. ☐ Translation(s) of Non-English Language Documents
9. ☐ Concise Explanation of English Language Listed Information Items (Optional)
10. ☒ Identification of Person(s) Making This Information Disclosure Statement

*(complete the following, if appropriate)*

Sections 1, respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information."  
Notice of April 20, 1992 (1138 O.G. 37-41, 37).

(Information Disclosure Statement [6-1]—page 2 of 7.)

**Section 1. Preliminary statements**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**UNITED STATES PATENT REFERENCES**

<u>PATENTEE</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>
Senjo et al.	4,035,470	07/12/77
Daignault et al.	4,332,687	06/01/82
Knorre et al.	4,416,786	11/22/83
Bachhofer et al.	5,466,374	11/14/95
Odaka et al.	4,584,107	04/22/86
Naddeo et al.	5,211,809	05/18/93
Wickramanayake	5,269,943	12/14/93
Horn et al.	5,500,125	03/19/96
Hagen et al.	5,700,375	12/23/97

The Senjo et al. United States Patent No. 4,035,470 discloses a process for removing sulfur oxides and/or nitrogen oxides from waste gas.

The Daignault et al. United States Patent No. 4,332,687 relates to removal of complexed heavy metals from waste effluents.

S t i n 1 ( n t i n u d )**ADDED PAGE**

The Knorre et al. United States Patent No. 4,416,786 discloses a process for the treatment of continuous waste water streams having changing contents of different oxidizable materials with hydrogen peroxide.

The Bachhofer et al. United States Patent No. 5,466,374 relates to a process for treating organically polluted water.

The Odaka et al. United States Patent No. 4,584,107 pertains to a method of treating effluents containing sulfur oxides.

The Naddeo et al. United States Patent No. 5,211,809 discloses a dye removal in oxygen color stripping of secondary fibers.

The Wickramanayake United States Patent No. 5,269,943 relates to a method for treatment of soils contaminated with organic pollutants.

The Horn et al. United States Patent No. 5,500,125 discloses a process for recycling photographic wash water.

The Hagen et al. United States Patent No. 5,700,375 relates to a particle loaded membranes as oxidant scavengers.

**(Use ADDED PAGE(S) as necessary)**

(Information Disclosure Statement—Section 1 (continued) [6-1]—page 4 of 7 )

Section 1 (continued)**ADDED PAGE**NONPATENT REFERENCES

1. AUTHOR: Thomas Grosvenor  
TITLE: Ozonation By-Products In Drinking Water  
RELEVANT PAGES: 30-33; 39  
DATE: February 1999  
PLACE OF PUBLICATION:  
(NAME OF PUBLICATION) Water Engineering & Management

The article, Ozonation By-Products In Drinking Water, pertains to ozonation and by-product formation chemistry, effective approaches toward the control of by-product formation and DBP/DBP precursor removal technologies.

2. AUTHOR: Masahiro Takizawa, Akitsugu Okuwaki and Taijiro Okabe  
TITLE: The Chemical Behavior Of Low Valence Sulfur Compounds. VIII. The Oxidation Of Sodium Thiosulfate With Ozone  
RELEVANT PAGES: 3785; 3786; 3787; 3788; and 3789  
DATE: December, 1973  
PLACE OF PUBLICATION:  
(NAME OF PUBLICATION) Bulletin Of The Chemical Society Of Japan, Vol. 46.

The article, The Chemical Behavior Of Low Valence Sulfur Compounds. VIII. The Oxidation Of Sodium Thiosulfate With Ozone, relates to the oxidation of sodium thiosulfate with ozone in an aqueous solution.

**(Use ADDED PAGE(S) as necessary)**

(Information Disclosure Statement—Section 1 (continued) [6-1]—page 5 of 7 )

**Section 10. Identification of Person(s) Making THIS INFORMATION DISCLOSURE STATEMENT**

The person making this statement is

*(check each applicable item (a) and (b))*

- (a) ☐ the inventor(s) who signs below

**SIGNATURE OF INVENTOR**

*(type name of inventor who is signing)*

- (b) ☐ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))

**SIGNATURE OF INVENTOR**

*(type name of inventor who is signing)*

- (c) ☒ the attorney who signs below on the basis of the information:

*(check each applicable item)*

- ☒ supplied by the inventor(s).  
☒ supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).  
☒ in the attorney's file.

  
**SIGNATURE OF ATTORNEY**

Reg. No. 27,475

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